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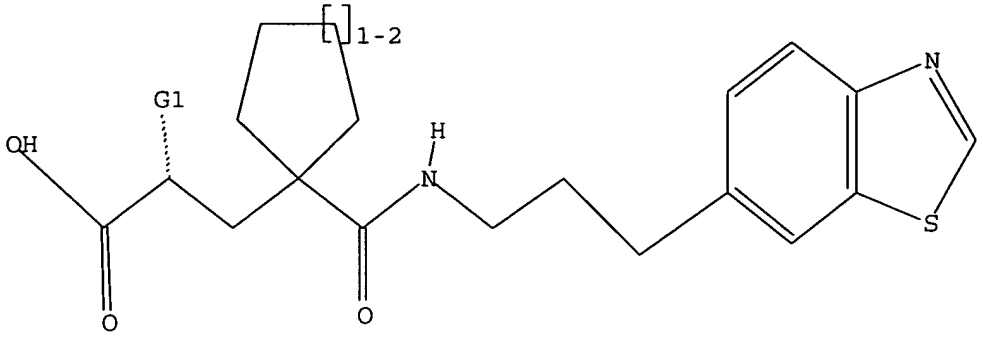
L1 STRUCTURE UPLOADED

=> d
L1 HAS NO ANSWERS
L1 STR



G1 H,Me

Structure attributes must be viewed using STN Express query preparation.

=> s l1 full
FULL SEARCH INITIATED 20:16:27 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 25 TO ITERATE

100.0% PROCESSED 25 ITERATIONS 6 ANSWERS
SEARCH TIME: 00.00.01

L2 6 SEA SSS FUL L1

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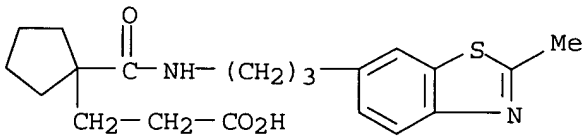
L2 ANSWER 1 OF 6 REGISTRY COPYRIGHT 2006 ACS on STN
RN 757972-86-4 REGISTRY
ED Entered STN: 07 Oct 2004
CN Cyclopentanepropanoic acid, 1-[[[3-(2-methyl-6-benzothiazolyl)propyl]amino]carbonyl]- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C20 H26 N2 O3 S
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

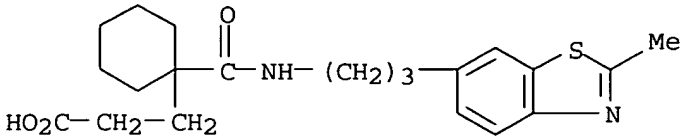


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 2 OF 6 REGISTRY COPYRIGHT 2006 ACS on STN

RN 757972-85-3 REGISTRY
ED Entered STN: 07 Oct 2004
CN Cyclohexanepropanoic acid, 1-[[[3-(2-methyl-6-benzothiazolyl)propyl]amino]carbonyl]- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C21 H28 N2 O3 S
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

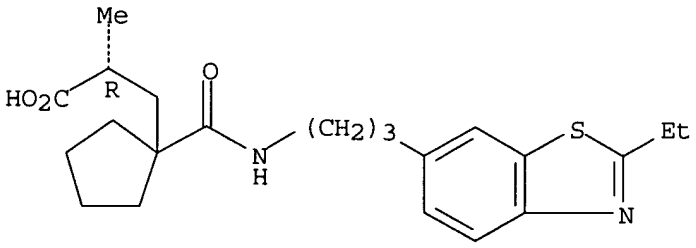


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 3 OF 6 REGISTRY COPYRIGHT 2006 ACS on STN
RN 757972-84-2 REGISTRY
ED Entered STN: 07 Oct 2004
CN Cyclopentanepropanoic acid, 1-[[[3-(2-ethyl-6-benzothiazolyl)propyl]amino]carbonyl]-α-methyl-, (αR)- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C22 H30 N2 O3 S
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Absolute stereochemistry.



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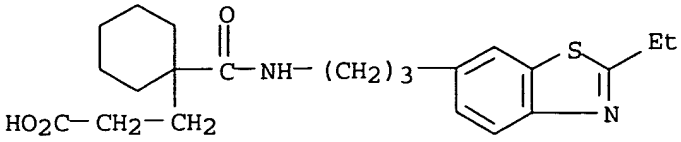
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

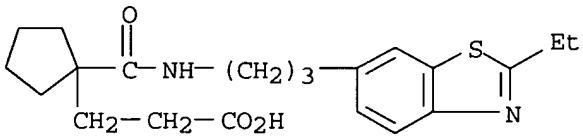
L2 ANSWER 4 OF 6 REGISTRY COPYRIGHT 2006 ACS on STN
RN 757972-83-1 REGISTRY
ED Entered STN: 07 Oct 2004
CN Cyclohexanepropanoic acid, 1-[[[3-(2-ethyl-6-benzothiazolyl)propyl]amino]carbonyl]- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C22 H30 N2 O3 S
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 5 OF 6 REGISTRY COPYRIGHT 2006 ACS on STN
RN 757972-82-0 REGISTRY
ED Entered STN: 07 Oct 2004
CN Cyclopentanepropanoic acid, 1-[[[3-(2-ethyl-6-benzothiazolyl)propyl]amino]carbonyl]- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C21 H28 N2 O3 S
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

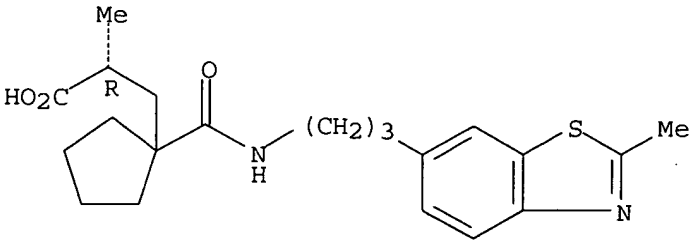


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 6 OF 6 REGISTRY COPYRIGHT 2006 ACS on STN
RN 757972-81-9 REGISTRY
ED Entered STN: 07 Oct 2004
CN Cyclopentanepropanoic acid, α-methyl-1-[[[3-(2-methyl-6-benzothiazolyl)propyl]amino]carbonyl]-, (αR)- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C21 H28 N2 O3 S
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Absolute stereochemistry. Rotation (-).



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

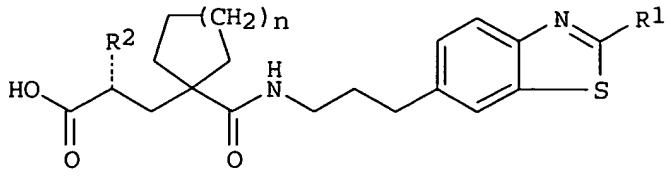
L5 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2004:759835 CAPLUS
DOCUMENT NUMBER: 141:277616
TITLE: Preparation of 3-(1-[3-(1,3-benzothiazol-6-yl)propylcarbamoyl]cycloalkyl)propanoic acid derivatives as nep inhibitors
INVENTOR(S): Hepworth, David
PATENT ASSIGNEE(S): Pfizer Inc., UK
SOURCE: U.S. Pat. Appl. Publ., 27 pp., which
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2004180941	A1	20040916	US 2004-800065	20040312
AU 2004220269	A1	20040923	AU 2004-220269	20040309
CA 2519072	AA	20040923	CA 2004-2519072	20040309
WO 2004080985	A1	20040923	WO 2004-IB822	20040309
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP 1606272	A1	20051221	EP 2004-718706	20040309
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK				
BR 2004008377	A	20060321	BR 2004-8377	20040309
CN 1761656	A	20060419	CN 2004-80006939	20040309
NL 1025709	A1	20040916	NL 2004-1025709	20040312
NL 1025709	C2	20050314		
NO 2005004169	A	20051207	NO 2005-4169	20050907

PRIORITY APPLN. INFO.:

GB 2003-5916	A	20030314
US 2003-464608P	P	20030422
GB 2003-29143	A	20031216
US 2004-538079P	P	20040120
WO 2004-IB822	A	20040309

OTHER SOURCE(S): MARPAT 141:277616
GI



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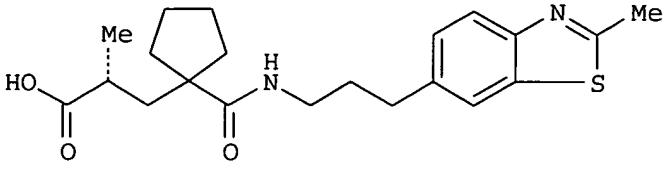


II

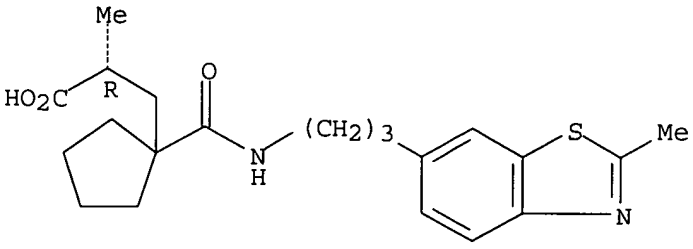
AB The invention relates to the use of title compds. I [R1 = H or Me; R2 = Me or Et; n = 1 or 2] as inhibitors of neutral endopeptidase enzyme (NEP), processes for the preparation thereof, intermediates used in the preparation thereof and compns. containing said inhibitors. Thus, e.g., II was prepared by amidation of 1-[(2R)-3-tert-butoxy-2-methyl-3-oxopropyl]cyclopentane carboxylic acid with 3-(2-methyl-1,3-benzothiazol-6-yl)propylamine dihydrochloride (preparation given) with subsequent hydrolysis to provide the free acid. I have been demonstrated to possess IC50 values of <20 nanomolar in tests for NEP inhibition and demonstrate a selectivity over soluble secreted endopeptidase (SEP) of at least 1000 fold. These inhibitors have utility in a variety of therapeutic areas including the treatment of male and female sexual dysfunction, particularly female sexual dysfunction (FSD), especially wherein the FSD is female sexual arousal disorder (FSAD).

IT **757972-81-9P 757972-82-0P 757972-83-1P**
757972-84-2P 757972-85-3P 757972-86-4P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(drug candidate; preparation of ([(benzothiazolyl)propylcarbamoyl]cycloalkyl)propanoic acid derivs. as inhibitors of neutral endopeptidase enzyme)

RN 757972-81-9 CAPLUS

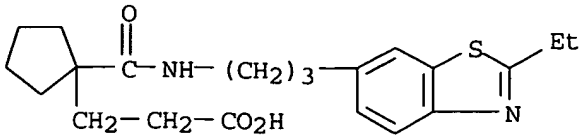
CN Cyclopentanepropanoic acid, α-methyl-1-[[[3-(2-methyl-6-benzothiazolyl)propyl]amino]carbonyl]-, (αR)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).

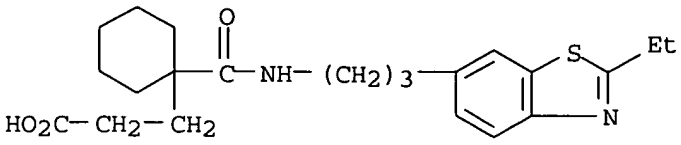


RN 757972-82-0 CAPLUS

CN Cyclopentanepropanoic acid, 1-[[[3-(2-ethyl-6-benzothiazolyl)propyl]amino]carbonyl]- (9CI) (CA INDEX NAME)

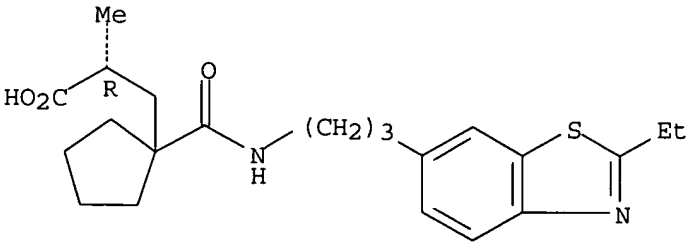


RN 757972-83-1 CAPLUS
CN Cyclohexanepropanoic acid, 1-[[[3-(2-ethyl-6-benzothiazolyl)propyl]amino]carbonyl]- (9CI) (CA INDEX NAME)

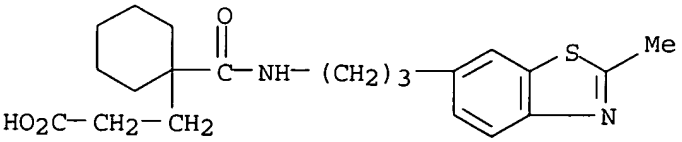


RN 757972-84-2 CAPLUS
CN Cyclopentanepropanoic acid, 1-[[[3-(2-ethyl-6-benzothiazolyl)propyl]amino]carbonyl]-α-methyl-, (αR)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 757972-85-3 CAPLUS
CN Cyclohexanepropanoic acid, 1-[[[3-(2-methyl-6-benzothiazolyl)propyl]amino]carbonyl]- (9CI) (CA INDEX NAME)



RN 757972-86-4 CAPLUS
CN Cyclopentanepropanoic acid, 1-[[[3-(2-methyl-6-benzothiazolyl)propyl]amino]carbonyl]- (9CI) (CA INDEX NAME)